

# [REAL TIME STAMPING SYNCHRONIZATION SYSTEM]

## Abstract of Disclosure

A real time stamp synchronization system (14) for an automotive vehicle (12) is provided. The system (14) includes a vehicle clock (52) that stores a current time. A time receiver (50) receives a real time signal from a time center (16). A collision system controller (54) is electrically coupled to the vehicle clock (52) and the time receiver (50) and synchronizes the current time with the real time signal. A collision evaluation system (10) for reconstructing a collision event is also provided along with methods for performing the same stated systems.